

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012220\
 Data File : VY001337.D
 Acq On : 22 Jan 2020 17:37
 Operator : SY/MD
 Sample : L1213-01
 Misc : 6.81G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 23 01:15:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:09:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	167812	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.72	114	304677	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	277517	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.44	152	124373	50.00	ug/l	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.18	65	91472	50.09	ug/l	0.00
Spiked Amount			Recovery	=	100.18%	
35) Dibromofluoromethane	7.75	113	89752	50.19	ug/l	0.00
Spiked Amount			Recovery	=	100.38%	
50) Toluene-d8	10.19	98	363530	52.33	ug/l	-0.01
Spiked Amount			Recovery	=	104.66%	
62) 4-Bromofluorobenzene	12.49	95	130159	47.04	ug/l	-0.02
Spiked Amount			Recovery	=	94.08%	

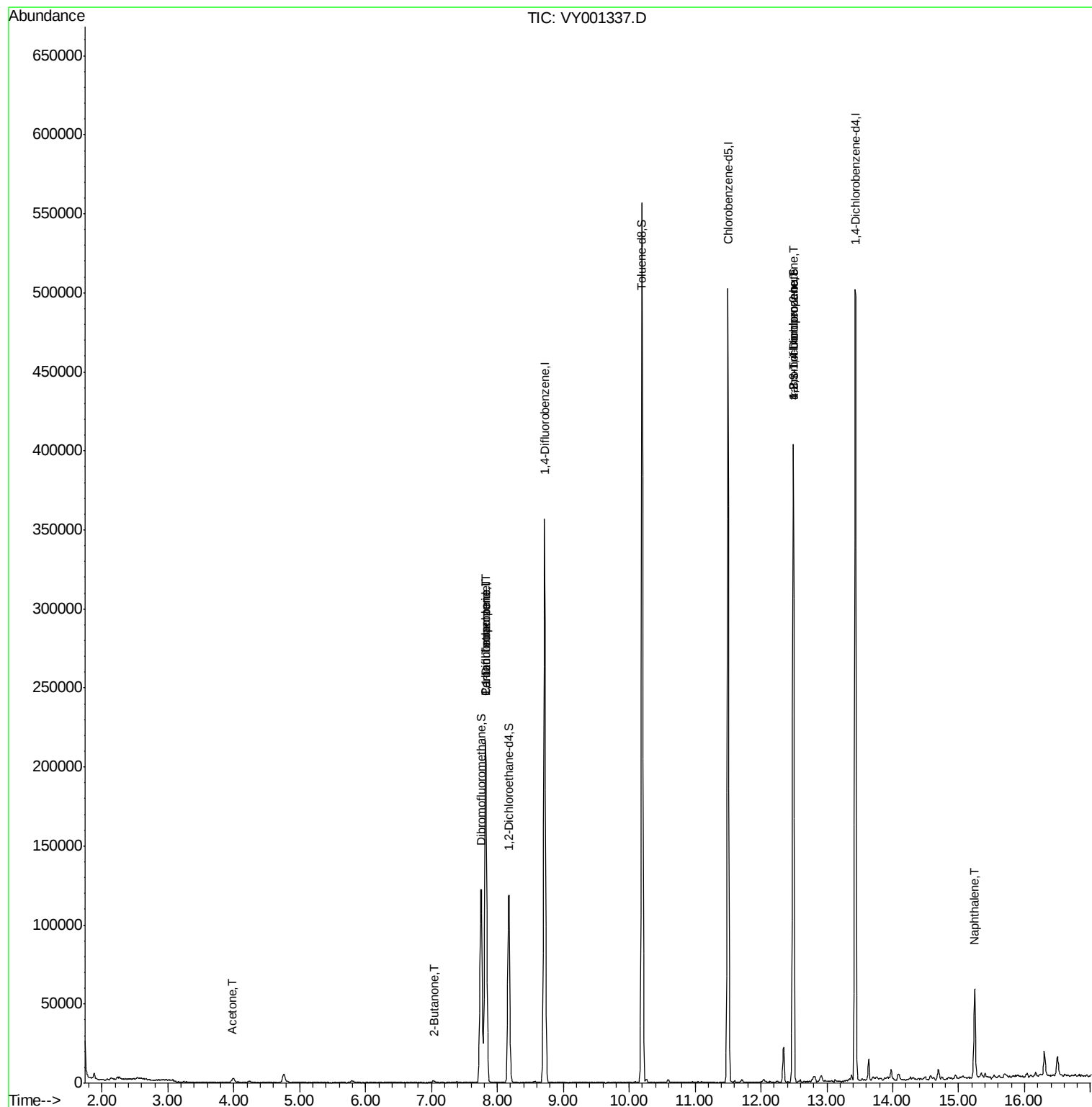
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.99	59	56	Below Cal	#	74
13) Acrolein	3.81	56	24	Below Cal	#	1
16) Acetone	3.98	43	5510	3.996	ug/l #	83
20) Methylene Chloride	4.75	84	4098	Below Cal		97
25) 2-Butanone	7.04	43	1494	1.880	ug/l #	74
36) 1,1-Dichloropropene	7.82	75	13094	4.549	ug/l #	49
38) Carbon Tetrachloride	7.83	117	16025	6.247	ug/l #	16
76) 1,2,3-Trichloropropane	12.49	75	64949	43.337	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	64949	82.010	ug/l #	14
95) Naphthalene	15.25	128	46802	7.899	ug/l	99

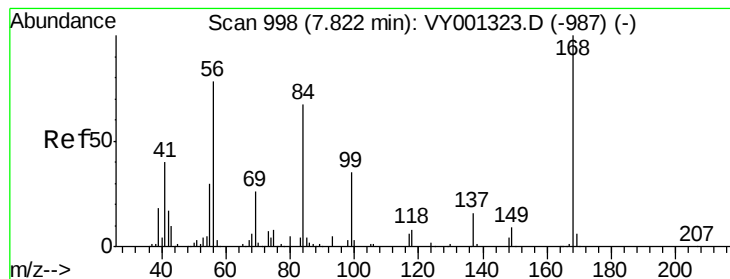
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY012220\
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ClientSampleId :

Quant Time: Jan 23 01:15:40 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 23 01:09:50 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.00 min

Lab File: VY001337.D

Acq: 22 Jan 2020 17:37

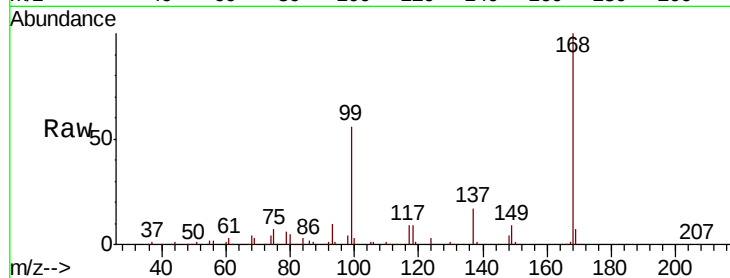
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 167812

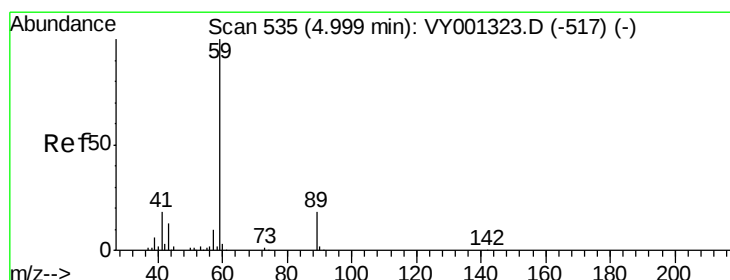
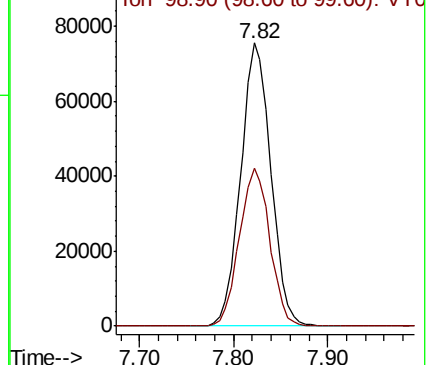
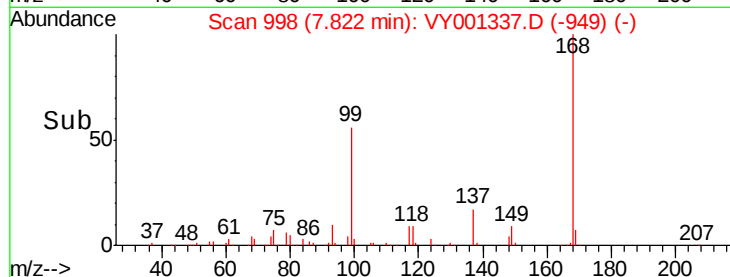
Ion Ratio Lower Upper

168 100

99 55.6 44.3 66.5



Abundance Ion 167.90 (167.60 to 168.60): VY001337.D (-949) (-)



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.99 min Scan# 533

Delta R.T. -0.01 min

Lab File: VY001337.D

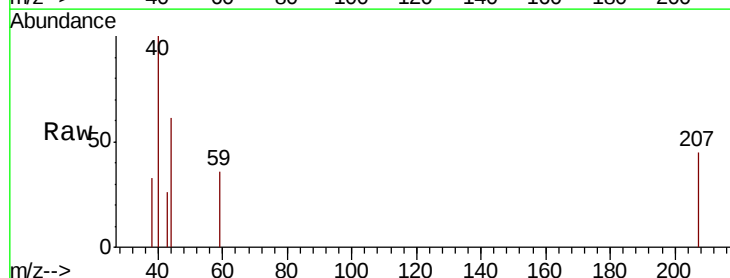
Acq: 22 Jan 2020 17:37

Tgt Ion: 59 Resp: 56

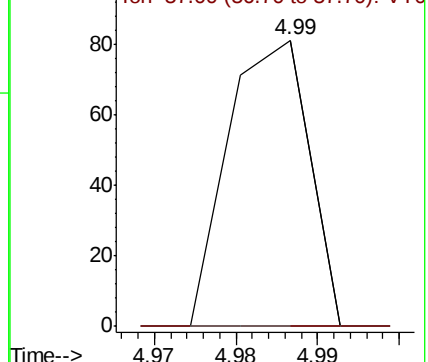
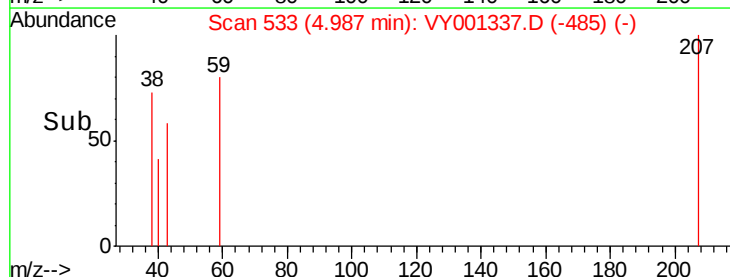
Ion Ratio Lower Upper

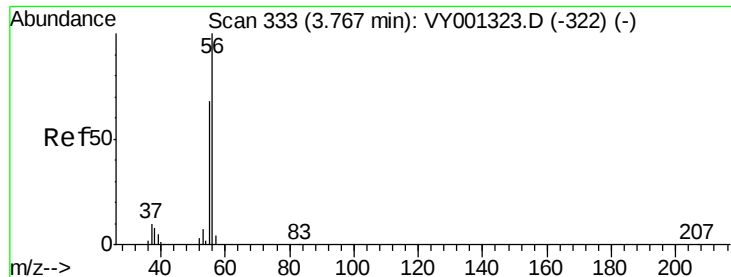
59 100

57 0.0 7.4 11.2#



Abundance Ion 59.00 (58.70 to 59.70): VY001337.D (-485) (-)





#13

Acrolein

Concen: Below Cal

RT: 3.81 min Scan# 340

Delta R.T. 0.05 min

Lab File: VY001337.D

Acq: 22 Jan 2020 17:37

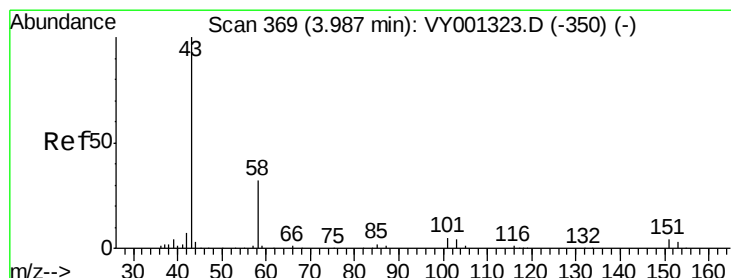
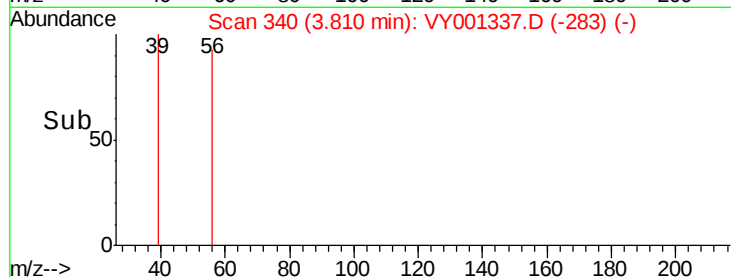
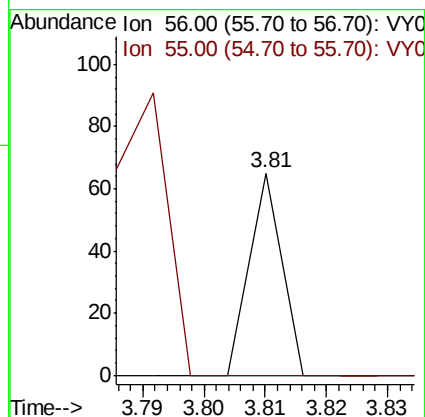
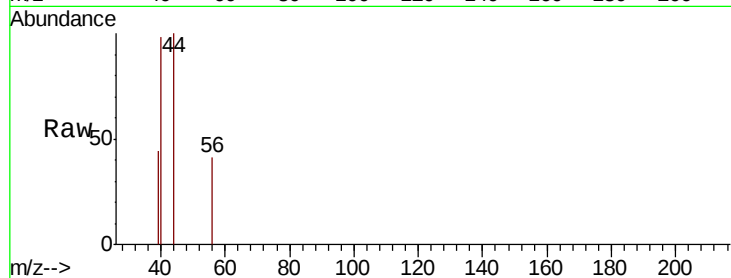
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 56 Resp: 24

Ion Ratio Lower Upper

56 100

55 237.5 55.9 83.9#



#16

Acetone

Concen: 3.996 ug/l

RT: 3.98 min Scan# 368

Delta R.T. 0.00 min

Lab File: VY001337.D

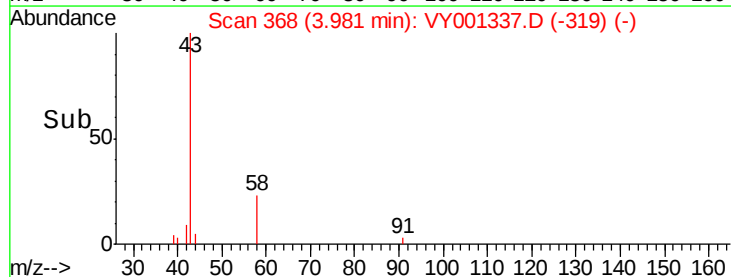
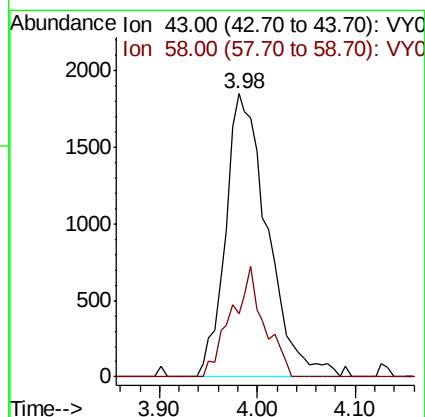
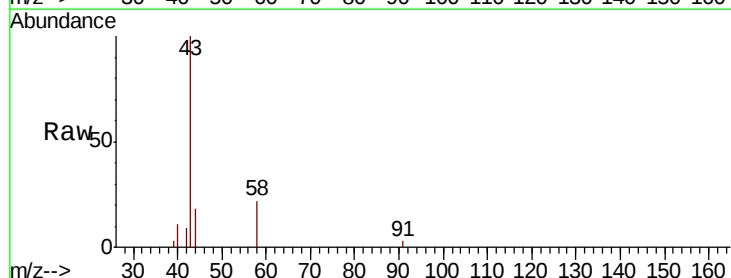
Acq: 22 Jan 2020 17:37

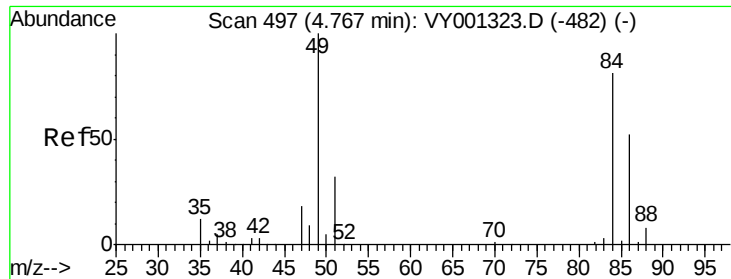
Tgt Ion: 43 Resp: 5510

Ion Ratio Lower Upper

43 100

58 22.2 25.4 38.0#

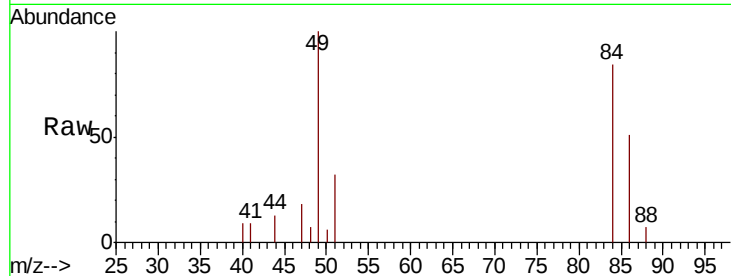




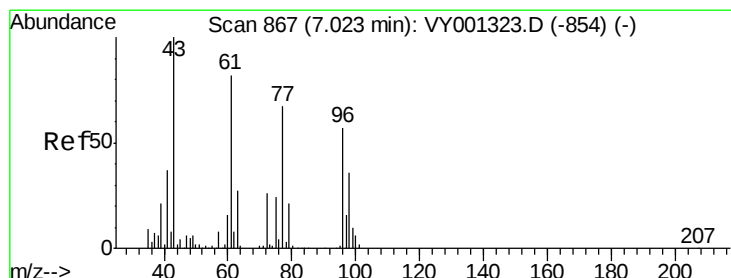
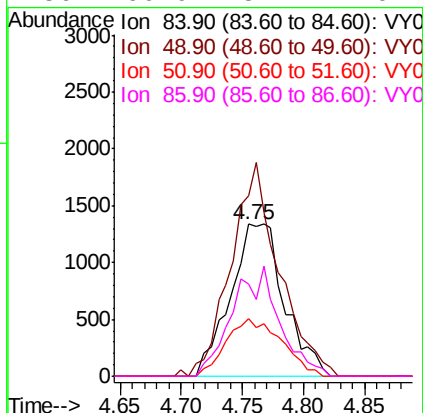
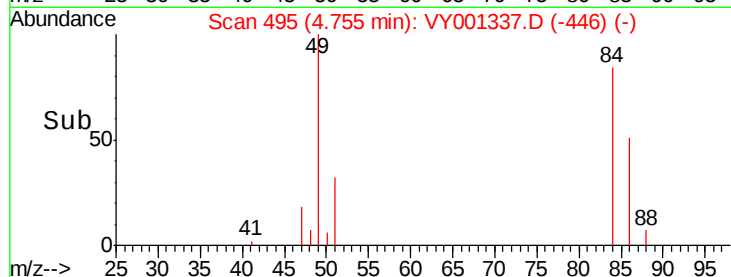
#20
Methvlene Chloride
Concen: Below Cal
RT: 4.75 min Scan# 495
Delta R.T. 0.00 min
Lab File: VY001337.D
Acq: 22 Jan 2020 17:37

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 84 Resp: 4098
Ion Ratio Lower Upper
84 100
49 118.7 98.3 147.5
51 38.2 31.6 47.4
86 60.9 51.1 76.7

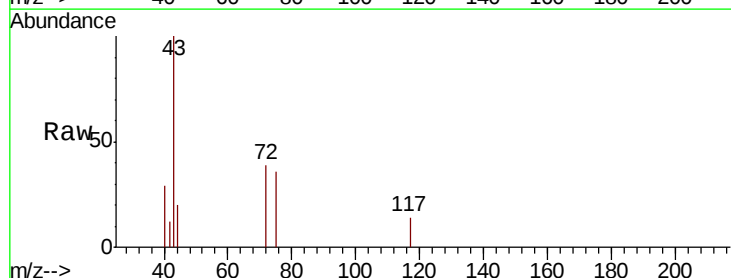


Abundance Ion 83.90 (83.60 to 84.60): VY0
Ion 48.90 (48.60 to 49.60): VY0
Ion 50.90 (50.60 to 51.60): VY0
Ion 85.90 (85.60 to 86.60): VY0

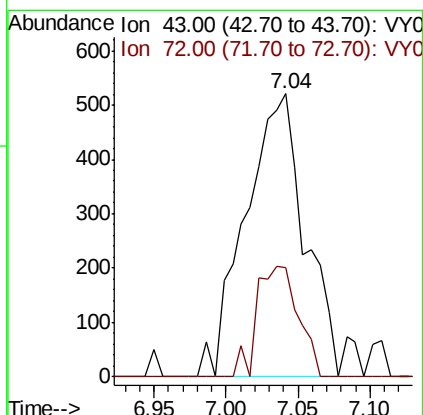
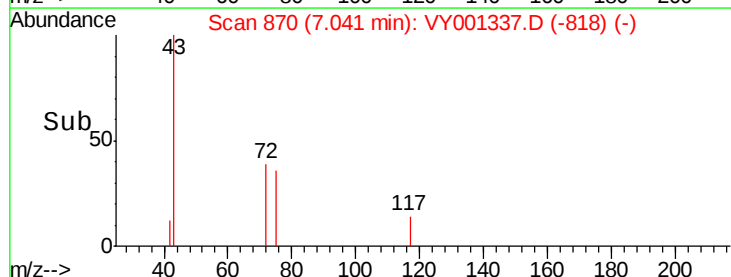


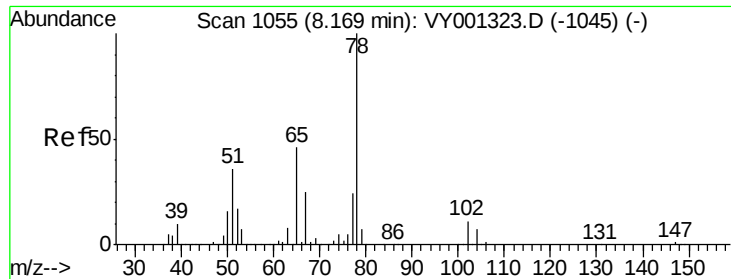
#25
2-Butanone
Concen: 1.880 ug/l
RT: 7.04 min Scan# 870
Delta R.T. 0.02 min
Lab File: VY001337.D
Acq: 22 Jan 2020 17:37

Tgt Ion: 43 Resp: 1494
Ion Ratio Lower Upper
43 100
72 38.8 20.6 31.0#



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 72.00 (71.70 to 72.70): VY0

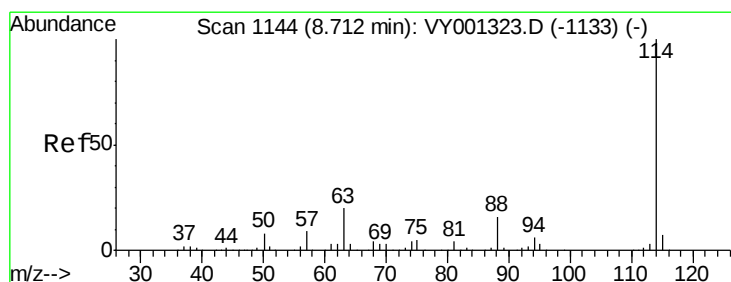
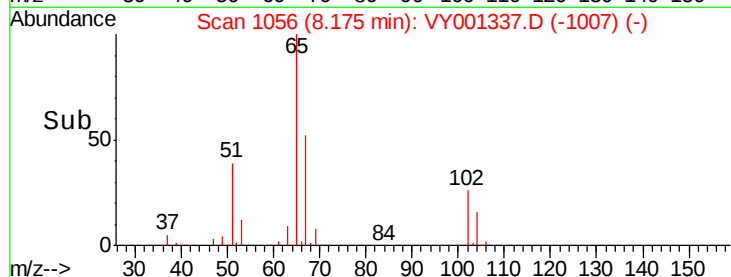
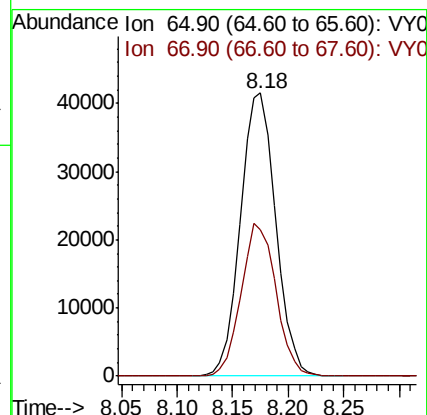
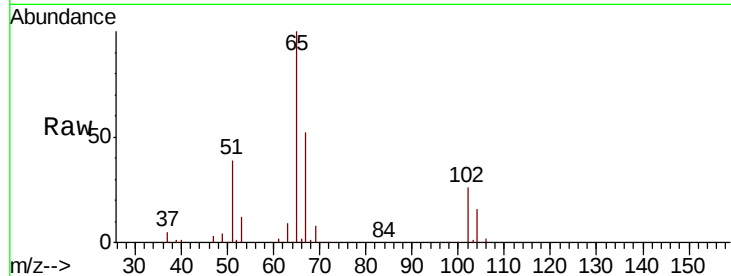




#33
 1,2-Dichloroethane-d4
 Concen: 50.093 ug/l
 RT: 8.18 min Scan# 1056
 Delta R.T. 0.00 min
 Lab File: VY001337.D
 Acq: 22 Jan 2020 17:37

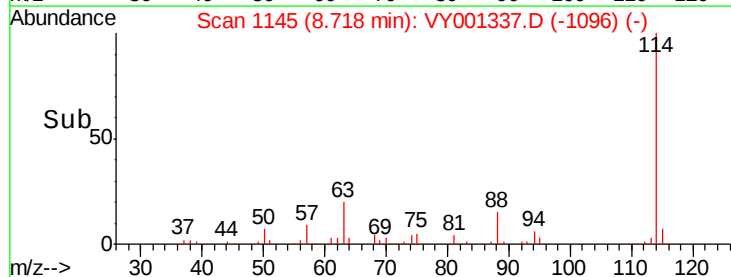
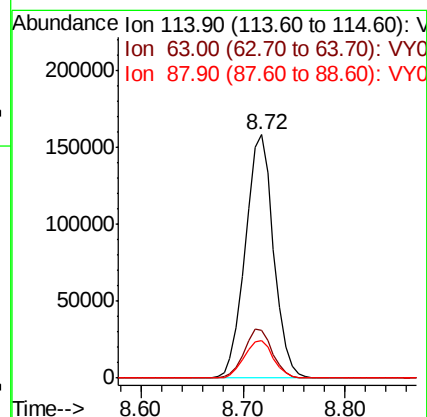
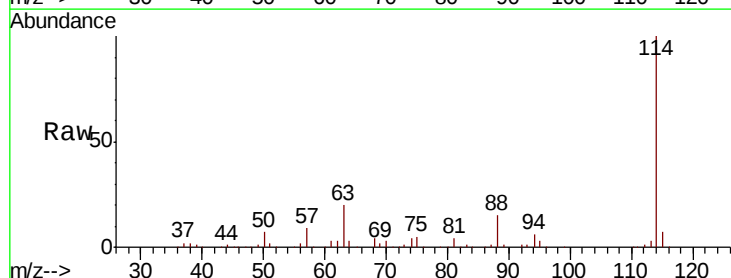
Instrument :
 MSVOA_Y
 ClientSampleId :

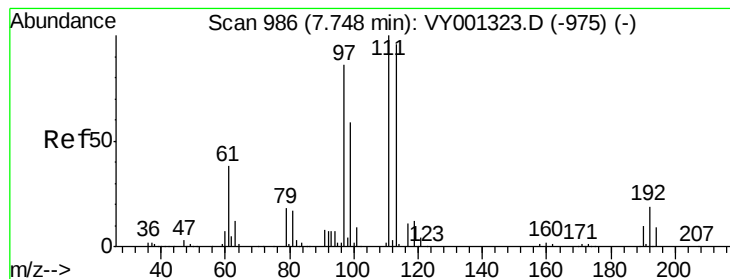
Tot Ion: 65 Resp: 91472
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.72 min Scan# 1145
 Delta R.T. 0.00 min
 Lab File: VY001337.D
 Acq: 22 Jan 2020 17:37

Tgt Ion: 114 Resp: 304677
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 40.8
 88 15.2 0.0 31.0





#35

Dibromofluoromethane

Concen: 50.192 ug/l

RT: 7.75 min Scan# 987

Delta R.T. 0.01 min

Lab File: VY001337.D

Acq: 22 Jan 2020 17:37

Instrument :

MSVOA_Y

ClientSampleId :

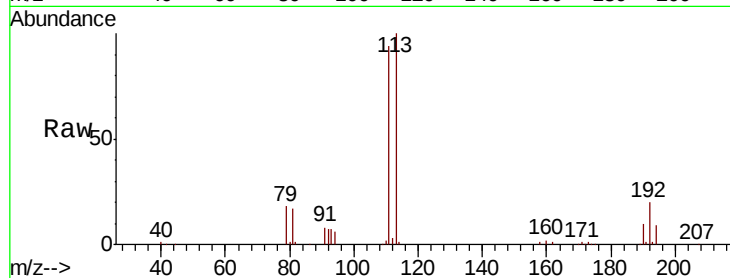
Tot Ion:113 Resp: 89752

Ion Ratio Lower Upper

113 100

111 102.5 82.8 124.2

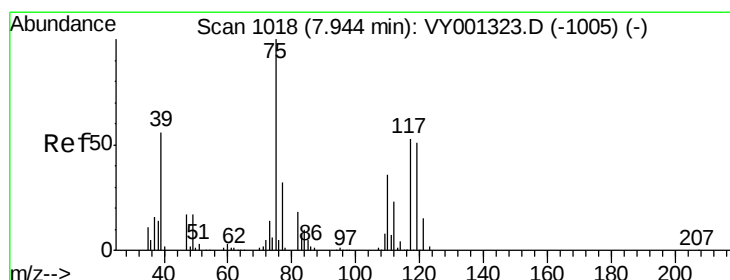
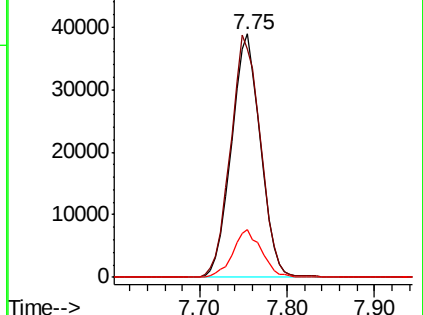
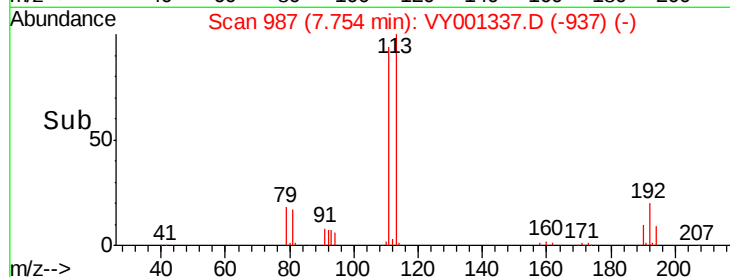
192 19.2 15.5 23.3



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.549 ug/l

RT: 7.82 min Scan# 998

Delta R.T. -0.13 min

Lab File: VY001337.D

Acq: 22 Jan 2020 17:37

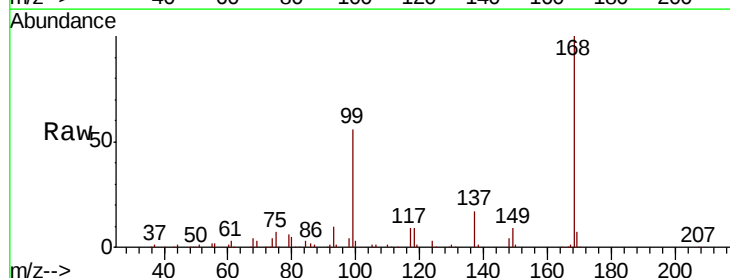
Tgt Ion: 75 Resp: 13094

Ion Ratio Lower Upper

75 100

110 7.9 17.6 52.8#

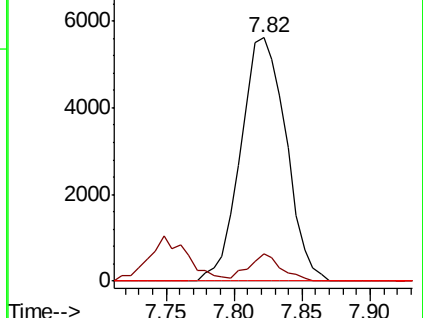
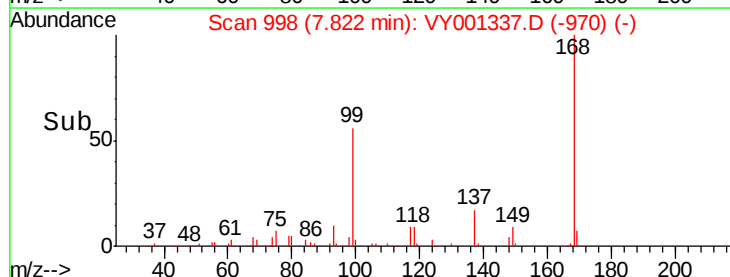
77 0.0 24.7 37.1#

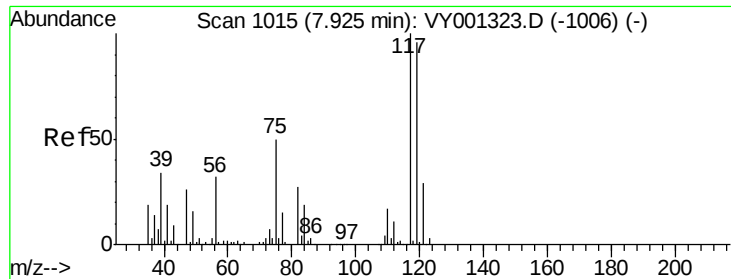


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

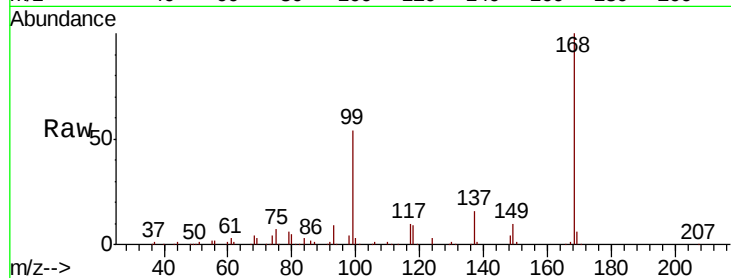




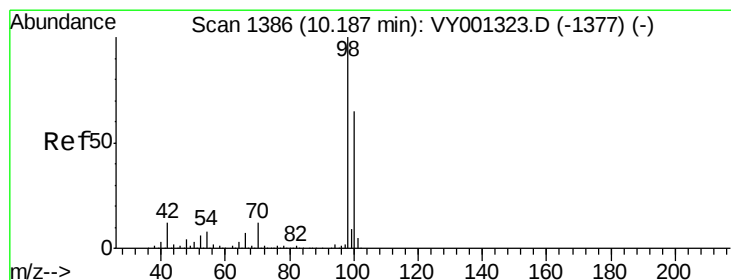
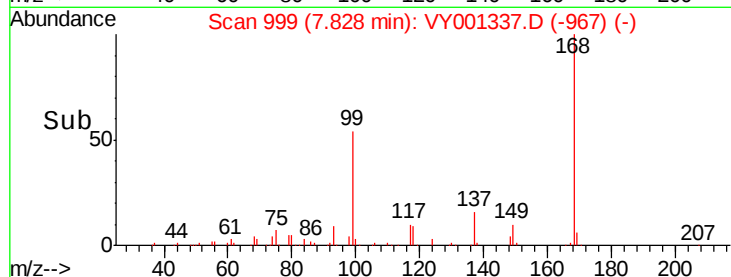
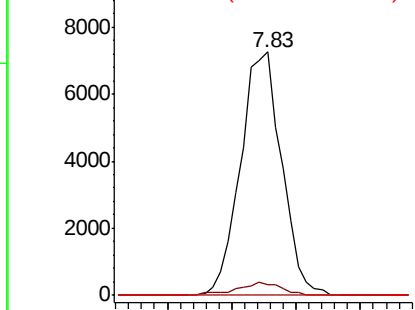
#38
Carbon Tetrachloride
Concen: 6.247 ug/l
RT: 7.83 min Scan# 999
Delta R.T. -0.10 min
Lab File: VY001337.D
Acq: 22 Jan 2020 17:37

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 16025
Ion Ratio Lower Upper
117 100
119 4.3 76.3 114.5#
121 0.0 23.5 35.3#

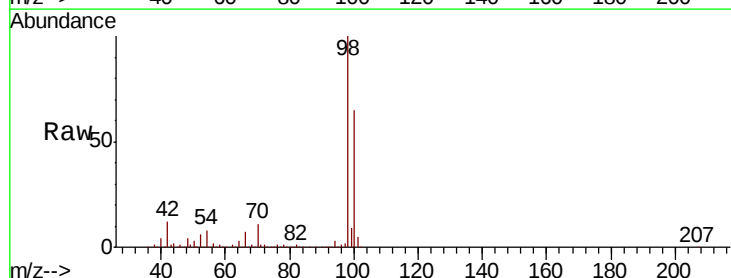


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

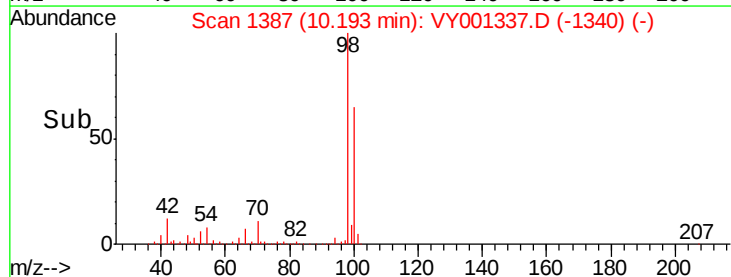
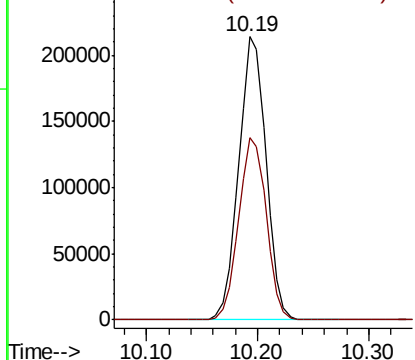


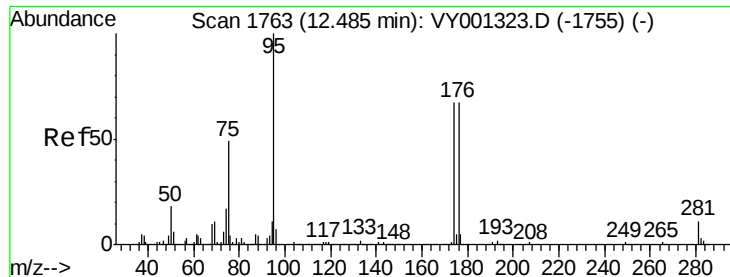
#50
Toluene-d8
Concen: 52.326 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. -0.01 min
Lab File: VY001337.D
Acq: 22 Jan 2020 17:37

Tgt Ion: 98 Resp: 363530
Ion Ratio Lower Upper
98 100
100 65.4 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY

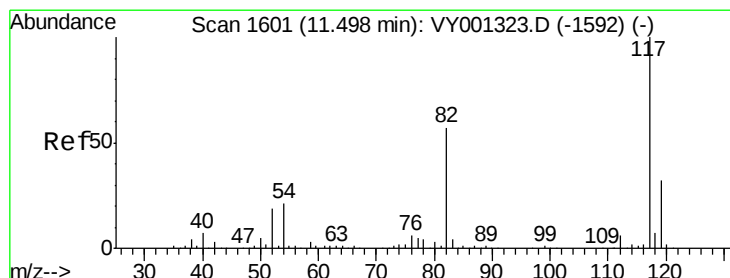
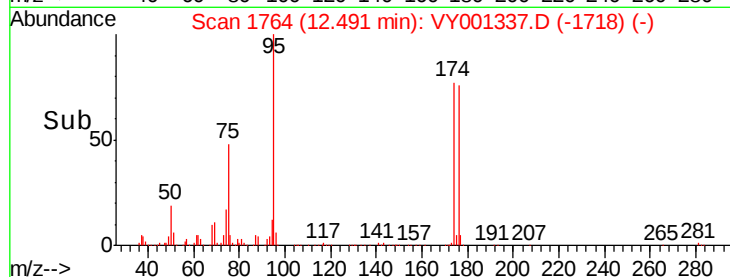
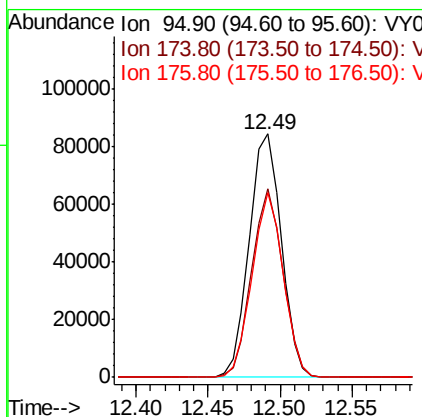
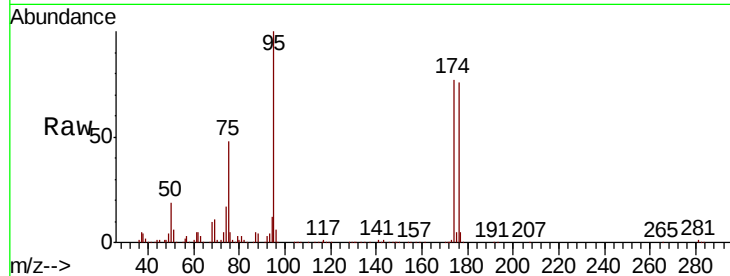




#62
4-Bromofluorobenzene
Concen: 47.045 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. -0.02 min
Lab File: VY001337.D
Acq: 22 Jan 2020 17:37

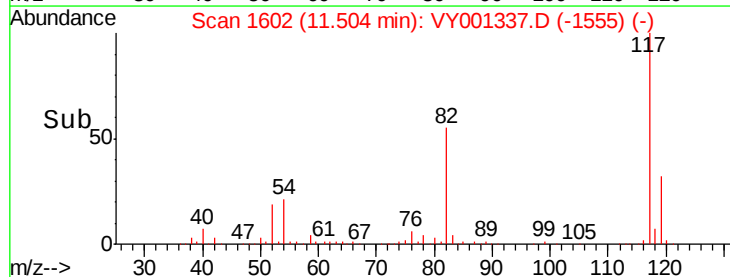
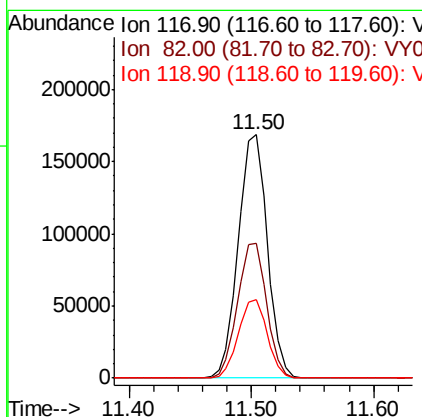
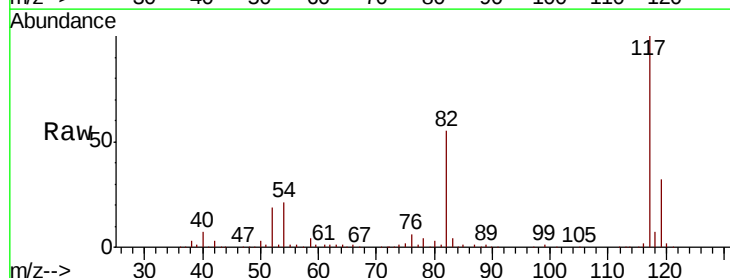
Instrument :
MSVOA_Y
ClientSampled :

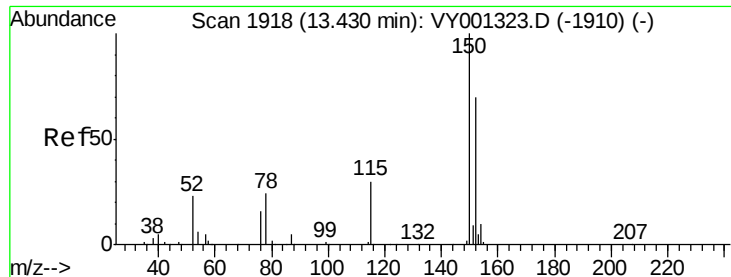
Tot Ion: 95 Resp: 130159
Ion Ratio Lower Upper
95 100
174 75.1 0.0 142.0
176 73.5 0.0 138.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. -0.01 min
Lab File: VY001337.D
Acq: 22 Jan 2020 17:37

Tgt Ion: 117 Resp: 277517
Ion Ratio Lower Upper
117 100
82 55.2 45.5 68.3
119 32.4 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. -0.03 min

Lab File: VY001337.D

Acq: 22 Jan 2020 17:37

Instrument :

MSVOA_Y

ClientSampleId :

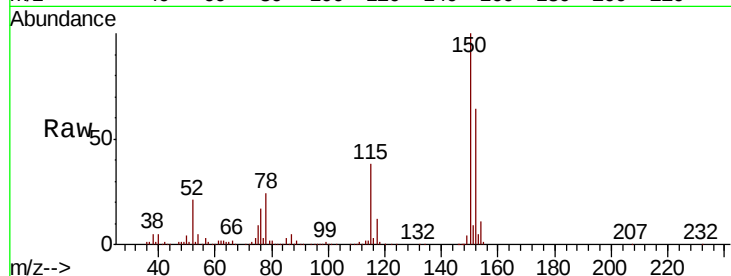
Tot Ion:152 Resp: 124373

Ion Ratio Lower Upper

152 100

115 60.6 30.9 92.8

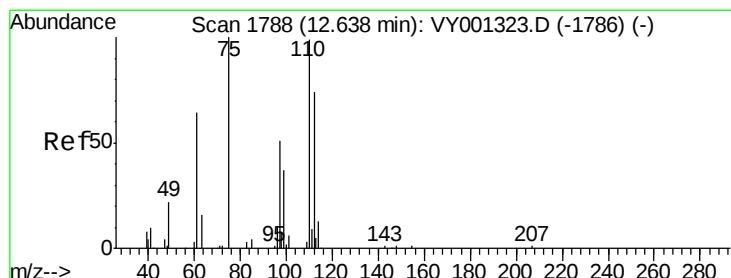
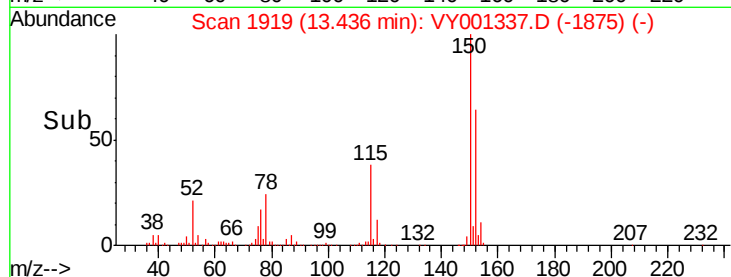
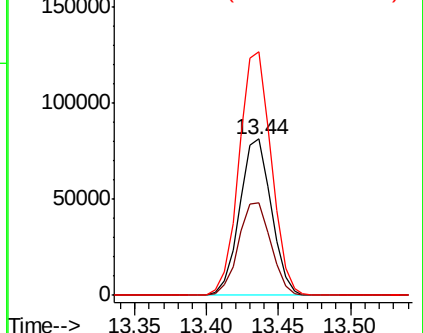
150 157.8 0.0 349.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 43.337 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.17 min

Lab File: VY001337.D

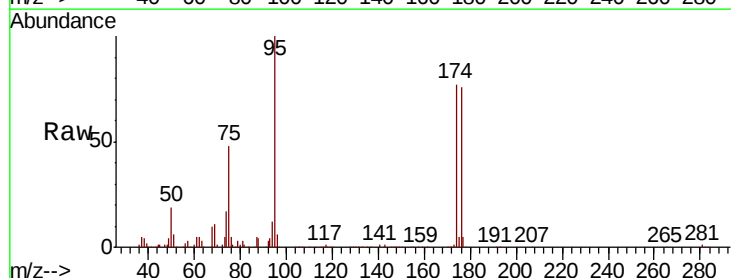
Acq: 22 Jan 2020 17:37

Tgt Ion: 75 Resp: 64949

Ion Ratio Lower Upper

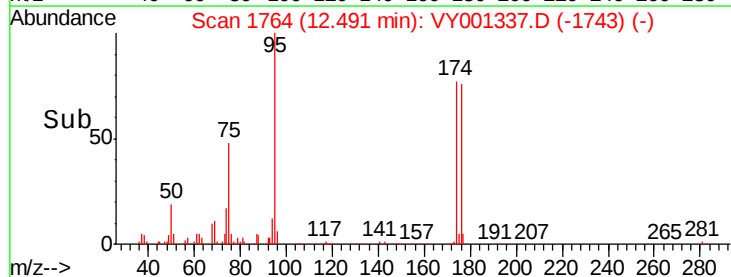
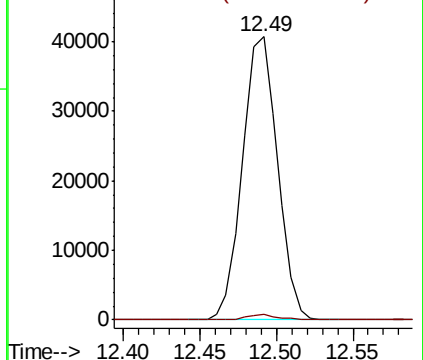
75 100

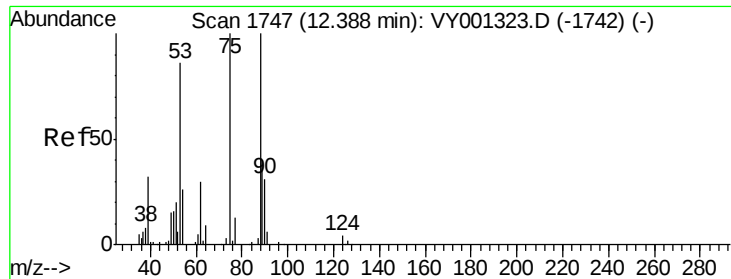
77 1.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#81

trans-1,4-Dichloro-2-butene

Concen: 82.010 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.09 min

Lab File: VY001337.D

Acq: 22 Jan 2020 17:37

Instrument :

MSVOA_Y

ClientSampleId :

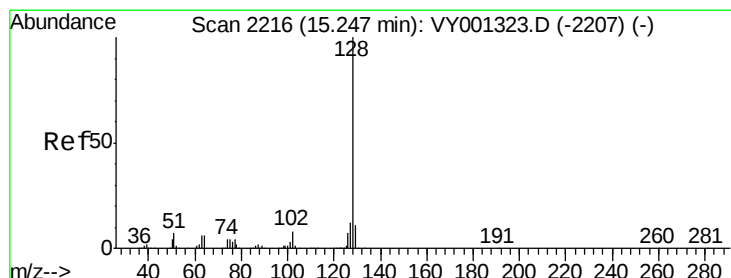
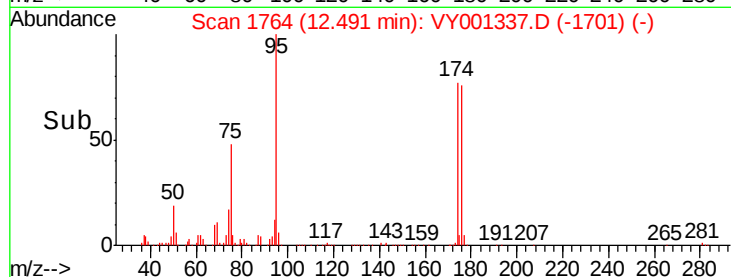
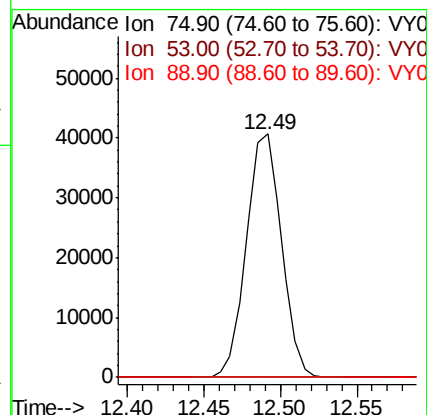
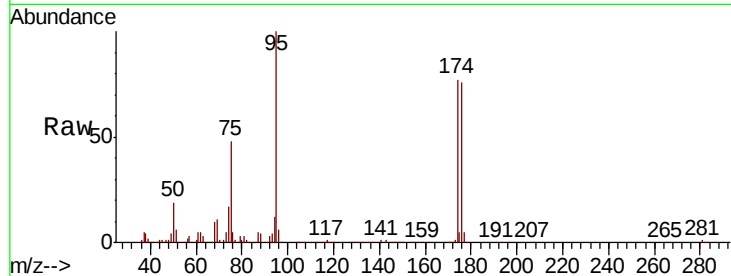
Tot Ion: 75 Resp: 64949

Ion Ratio Lower Upper

75 100

53 0.0 69.9 104.9#

89 0.0 36.6 54.8#



#95

Naphthalene

Concen: 7.899 ug/l

RT: 15.25 min Scan# 2216

Delta R.T. -0.16 min

Lab File: VY001337.D

Acq: 22 Jan 2020 17:37

Tgt Ion: 128 Resp: 46802

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

129 10.7 8.7 13.1

